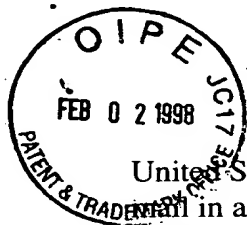


CERTIFICATE OF MAILING (37 CFR 1.8 (a)).



I hereby certify that the attached papers or fee is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner For Patents, Washington, D.C. 20231.

Jan. 30, 1998
Date

Liza D. Hohenschutz
Name

Liza D. Hohenschutz
(Signature)

ZENECA Inc.
Docket No. PHM.70086

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: WOOD ET AL.

Serial Number: 08/669,656

Group Art Unit: 1818

Filed: JUNE 24, 1996

Examiner: M. ALLEN

For: ION CHANNEL

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

COVER LETTER

Transmitted herewith are the following:

- (X) Supplemental Response to Office Action.
- () Petition for Extension of Time (37 CFR 1.136).
- () Information Disclosure Statement.
- () Citation of references in lieu of PTO Form 1449
- () Appeal Brief (in triplicate).
- () Issue Fee (Forms PTOL -85B and -85C).
- () Declaration of Biological Culture Deposit

The items checked below are appropriate:

1. (X) It is believed that no fee is due as a result of this transmittal.
2. () It is believed that no fee beyond that authorized on the Forms PTOL -85B and -85C is due as a result of this transmittal.
3. () The required fee is calculated as follows:

() Fee for extension of time (37 CFR 1.136)

() One Month \$ 110.00
() Two Months 400.00
() Three Months 950.00
() Four Months 1,510.00

() Fee for additional claims not previously paid for:

	Claims Remaining After Amendment	Highest No. Previously paid for	Additional Claims	Rate	Addit. Fee
Total Claims	33	- 36 =	0	x \$22 =	0.00
Indep. Claims	2	(if less than 3, enter 3) - 3 =	0	x \$82 =	0.00
Mult. Dep. Claims				+ \$270 =	0.00
				TOTAL ADDIT. FEE	\$0.00

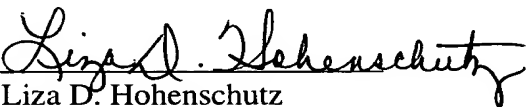
4. () The **total fee** of \$_____ should be charged to Deposit Account No. 26-0166. This sheet is enclosed in duplicate.
5. (X) The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Deposit Account No. 26-0166. This sheet is enclosed in duplicate.

Respectfully submitted,

ZENECA Inc.

Dated: Jan. 30, 1998

ZENECA Inc.
Docket No. PHM.70086
p:\legal\ldh\70086\012798 cover letter.doc

By: 
Liza D. Hohenschutz
Attorney for Applicant(s)
Reg. No. 33,712
Telephone: 302/886-7466